

AAG 2007 – San Francisco, April 17-21

USGS Geography Application Demonstrations, April 18-19
USGS Exhibit Booth

Title	Sponsor / Presenter	Description	Email	Demo Time	Further information
Ecosystem Portfolio Model	David Strong	The web-based Ecosystem Portfolio Modeler (EPM) will be used by local stakeholders to investigate and to communicate the ecological and economic values of land between the Everglades and Biscayne Bay, in Miami-Dade County, Florida.	dstrong@usgs.gov	4/18 10:00 4/19 10:00	http://130.11.45.247/sflorida/sflorida.html [USGS internal]
Citygreen	Paul Hearn, USGS; Cheryl Kollin, American Forests	CityGreen is a cooperative effort between the USGS and American Forests, the Nation's oldest non-profit conservation organization. The applications uses land cover data (NLCD) to provide estimates of the ecosystem benefits of trees in urban settings. Presented by Cheryl Kollin of American Forests.	phearn@usgs.gov, ckollin@amfor.org	4/18 10:30 4/19 10:30	http://www.americanforests.org/productsandpubs/citygreen/
Advanced Land Cover Webtool	Paul Hearn	A prototype web portal developed jointly with eSpatial, a GIS software development company, to provide enhanced public use and access to the National Land Cover Database (NLCD).	phearn@usgs.gov	4/18 11:00 4/19 11:00	TBA
EMMMA	Paul Hearn	A web-based mapping application that provides visualization of mercury distribution in the environment and enables easy access to key environmental mercury datasets.	phearn@usgs.gov	4/18 12:00 4/19 12:00	http://emmma.usgs.gov/
EarthNow	Ron Beck	The web-based EarthNow! image viewer displays earth observation data received from Landsat satellites in real time as the satellites pass over the United States.	beck@usgs.gov	4/18 12:30 4/19 12:30	http://earthnow.usgs.gov

Landsat Image Mosaic of Antarctica (LIMA) and Web Portal	Mike Buswell	In support of the International Polar Year, the USGS, in collaboration with the British Antarctic Survey, is creating a continent-wide mosaic of Antarctica from more than 1,000 Landsat satellite images. The demonstration will show explain how to gain access to the entire mosaic as well as the composite imagery.	buswell@usgs.gov	4/18 1:00 4/19 1:00	http://international.usgs.gov/ipy
USGS Seamless Data Distribution Server	Mike Buswell	The USGS Seamless Server provides convenient access to over 60 terabytes of online raster and vector GIS datasets, delivering up to 3.6 gb per session at no cost.	buswell@usgs.gov	4/18 1:30 4/19 1:30	http://seamless.usgs.gov/
Google Earth Watershed Atlas	Susan Greenlee, Sandra Poppenga	This online watershed atlas for significant U.S. rivers is widely accessible via Google Earth. The atlas helps answer such critical questions as: where water flows; the relation of elevation, slope, land use, and population; and what land change has taken place.	sgreenlee@usgs.gov, spoppenga@usgs.gov	4/18 3:30 4/19 3:30	http://edna.usgs.gov/watersheds (pending), http://edna.usgs.gov
REZMapper: A Lakota Community Interactive Mapping Demonstration	Gene Napier, USGS; James Rattling Leaf, Sinte Gleska University (Rosebud Sioux Tribe)	A GIS application for Indian communities, REZMAPPER was developed by the Rosebud Sioux Reservation Sinte Gleska University in cooperation with the USGS and private industry.	enapier@usgs.gov	4/18 2:30 4/19 2:30	www.sinte.edu www.usgs.gov/indian/ www.nativeview.org
Estimating Population Density using Dasymetric Mapping	Rachel Sleeter	Using principles of dasymetric mapping, U.S. Census data can be re-modeled into more meaningful geographic zones that characterize finer distinctions of residential population densities.	rsleeter@usgs.gov	4/18 3:00 4/19 3:00	http://geography.wr.usgs.gov/science/dasymetric/index.htm
Rapid Land Cover Mapper	Matt Cushing	A raster-based approach to land cover mapping that simplifies both large area mapping and time-series mapping. The application has three primary tools: image management, local spatial correction, and land-use/land-cover attribution.	mcushing@usgs.gov	4/18 2:00 4/19 2:00	TBA

TerraLook: Satellite imagery to view a changing world	Eugene A. Fosnight	TerraLook broadens the remote sensing user community by providing easy access to a user-selectable collection of historical and current satellite images.	fosnight@usgs.gov	4/18 4:00 4/19 4:00	http://terralook.cr.usgs.gov/
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